

Product Brochure For M586D

## Industrial Turret Milling Machine - Horizontal & Vertical - BM-GEVS250

Table Travel: (X) - 700mm (Y) - 250mm (Z) - 440mm

Includes DRO & Pneumatic Drawbar System

**Ex GST**                      **Inc GST**  
**\$33,450.00**      **\$36,795.00**



ORDER CODE:	M586D
MODEL:	BM-GEVS250
Digital Readout:	3-Axis Digital Readout
Type:	Vertical & Horizontal
Table Size (mm):	1100 x 250
Column Type:	~
Spindle Taper - Vertical:	NT40
Spindle Taper - Horizontal:	NT40
Longitudinal Travel (X-Axis) (mm):	700
Cross Travel (Y-Axis) (mm):	250
Vertical Travel (Z-Axis) (mm):	440
Type of Slides:	Dovetail (X, Y & Z)
Ram Travel (mm):	300
Spindle to Table (mm):	470
Spindle to Base:	~
Spindle Travel / Diameter (mm):	127 / 105
Throat Depth (max.) (mm):	500
Tilting Head (Left ~ Right):	±90°
Tilting Head (Forward ~ Back):	~
Drilling Capacity (mm):	~
End Milling Capacity (mm):	~
Face Milling Capacity (mm):	~
Power Feed - Quill (mm/rev):	0.037 / 0.076 / 0.152
Power Feed - Longitudinal (X-Axis) (mm/min):	0.02 - 0.20
Power Feed - Cross (Y-Axis) (mm/min):	Optional
Power Feed - Vertical (Z-Axis) (mm/min):	Rapid
Table T-Slot Size (inch / mm):	5/8
Work Table Load Capacity (kg):	300
Spindle Speeds Vertical (No./ rpm):	Variable (60 - 3600)
Spindle Speeds Horizontal (No./ rpm):	6 (40 - 980)
Spindle Speeds - Universal Head:	~
Motor Power - Vertical Spindle (kW / hp):	3.75 / 5
Motor Power - Horizontal Spindle (kW / hp):	2.25 / 3
Motor Power - Universal Head:	~
Voltage / Amperage (V / amp):	415
Nett Weight (kg):	1350



### Features

- Vertical spindle, Yaskawa inverter variable speed drive 60 – 3600rpm
- Horizontal spindle, 40-980 rpm speeds controlled by gear selection levers with oil bath lubrication
- 5HP vertical & 3HP horizontal spindle motors provide exceptional machining power
- NT40 spindle taper with Ø105mm chrome hardened and ground quill
- 1100 x 250mm hardened and ground worktable with ±45° left and right swivel
- Automatic quill feed 0.037, 0.076, 0.152mm/rev
- Vertical mill head swivels ±45° to left and right
- Spindle guard with micro switch
- 3-Axis digital readout fitted
- Pneumatic draw bar system for quick and effortless tool change
- Heavy duty gear driven X Axis power-feed
- Z-Axis powered elevating motor
- Metric dial graduations @ 0.02mm for X , Y & Z-Axis
- Meehanite castings for superior rigidity
- Hardened and ground dovetail guideways
- Turcite-B coating on X & Y-Axis ways for wear resistance and smooth operation
- Auto lubrication system maintains proper lubrication to all slideways

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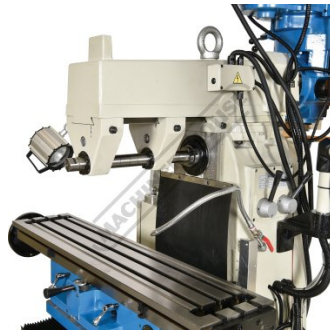
**Includes**

- 3-Axis Digital Readout Fitted
- Automatic Lubrication System
- LED Lamp
- Coolant System
- Slide-way Covers
- Safety Cutter Guard
- Swarf Tray
- 1" Horizontal Arbor
- 2 x Horizontal Arbor Supports
- 2 x M16 Drawbars

**Specific Features**



Horizontal Head Setup



Horizontal Head Setup Close Up



Swivel Arm Control Panel



3 Axis Digital Read Out



Control Panel



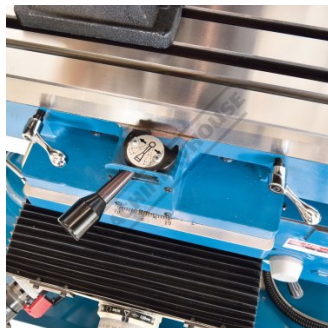
Gear Drive Table Feed



Horizontal Speed Selection Levers



Spindle Controls



Swivel Table



Tilting Mill Head Left & Right to 90 Degrees



Rotating Horizontal Ram



Z Axis Feed Handle with Micro

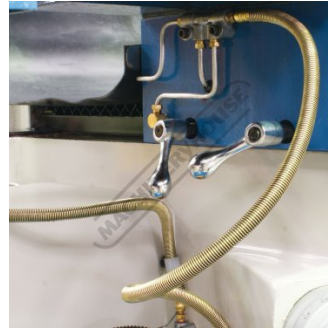
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Z Axis Rapid Motor



Automatic Slideway Lubrication System



Y Axis Table Locks



Oil Feeder Distribution Block



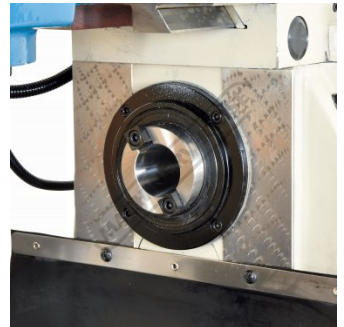
Y Axis Feed Handle



X Axis Feed Handle



Air Powered Draw Bar System



Horizontal Spindle



Quill Feed Depth Stop



Variable Inverter Speed



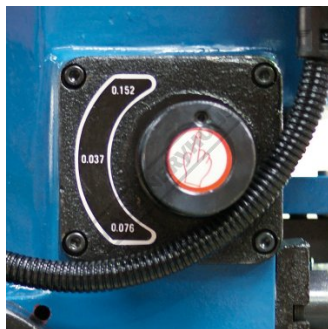
Air Powered Draw Bar Control



Mill Head Right Side View



Quill Feed Engagement Dial



3 Speed Quill Feed



Mill Head Left Side View



High Low Spindle Speed Gear Lever

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Includes Horizontal Arbor

**Recommended Accessories**

**M184**  
 Precision Boring Head



**M197A**  
 Boring Head Shank



**C290**  
 Heavy Duty Drill Chuck - Keyed Type



**C292**  
 Industrial Drill Chuck - Keyless Type



**C294**  
 Industrial Drill Chuck - Keyless Type



**D446**  
 NT40 x JT6 Drill Chuck Arbor - M16 Threaded Shank



**D448**  
 NT40 x JT3 Drill Chuck Arbor - M16 Threaded Shank



**M3301**  
 Metric HSS Slot Drill & End Mill Set - 10 Piece



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**M3321**  
 Imperial HSS Slot Drill & End  
 Mill Set - 10 Piece



**C966**  
 Collet & Chuck Set - 25 Piece



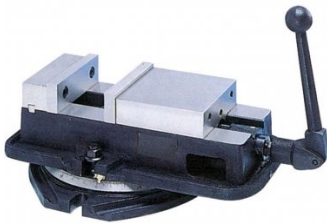
**V105**  
 Vertex K-Type Milling Vice



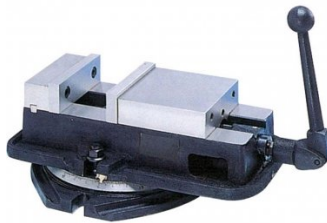
**V106**  
 Vertex K-Type Milling Vice



**V305**  
 Vertex Anglock Machine Vice



**V306**  
 Vertex Anglock Machine Vice



**R008**  
 Vertex Rotary Table



**R010**  
 Vertex Rotary Table



**D001**  
 Vertex Dividing Head - Semi  
 Universal



**D002**  
 Vertex Dividing Head - Semi  
 Universal



**R002**  
 Vertex Super Indexing Head



**C280**  
 3 Jaw Self Centring Lathe  
 Chuck



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**C2806**  
 3 Jaw Self Centring Lathe Chuck



**M247**  
 Air Power Drawbar



**M2295**  
 Power Feed Unit



**M229**  
 Power Feed Unit



**L065**  
 KYOCERA Carbide Inserts - Milling



**M510**  
 Face Mill 90° - Positive Rake



**M512**  
 Face Mill 90° - Positive Rake



**M503**  
 Face Mill 90° - Positive Rake



**M515**  
 Face Mill 45° - Super High-Rake



**M517**  
 Face Mill 45° - Super High-Rake



**M518**  
 Face Mill 45° - Super High-Rake



**M550**  
 Face Mill Arbor



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M552  
Face Mill Arbor



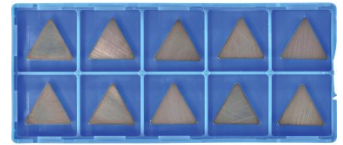
M554  
Face Mill Arbor



M555  
Face Mill Arbor



L066  
KYOCERA Carbide Inserts -  
Milling



M252  
Parallel Set - 18 Piece



M250  
Parallel Set - 8 Piece



M519  
End Mill - Ø12mm



M520  
End Mill - Ø16mm



M521  
End Mill - Ø20mm



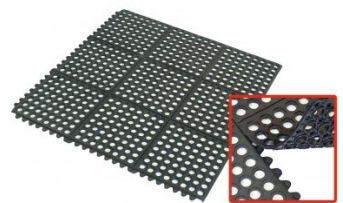
L059  
Carbide Inserts - Milling



M800  
Rubber Mat - Anti-Fatigue



M805  
Rubber Mat - Anti-Fatigue



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S090A  
 Soluble Metal Cutting Fluid - 1 Litre



S090  
 Soluble Metal Cutting Fluid - 5 Litre



S076  
 Cutting Tool Lubricant Fluid - 500ml



S077  
 Drilling, Tapping & Cutting Tool Lubricant Spray - 400g



S075  
 Cutting Tool Lubricant Paste - 200g



S074  
 Cutting Tool Lubricant Paste - 500g



O000  
 SpillFix Universal Organic Absorbent



O043  
 Rust & Corrosion Preventive



O042  
 General Purpose Lubricant & Corrosion Inhibitor



O040  
 Rust & Corrosion Preventive



O044  
 Rust & Corrosion Preventive

